POLLUTION REPORT

I. HEADING

Date: January 7, 2000

Subject: Industrial Highway/Gary Municipal Airport Oil Release Site, Gary, Lake County, Indiana

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POLREP: #7 - (Reporting period 12/6/99 thru 1/7/00)

II. BACKGROUND

CERCLIS ID No: IND067469437
Site No: Z590
FPN: 098022
IAG No: RW69947898-01-0
ID No: 99HR05F50203D
Start Date: 4/7/99
Completion Date: N/A

USGS Hydro Unit: 04040001
Task Order No: 9801-05-025
Response Authority: OPA Fund-lead
NPL Status: N/A
State Notification: IDEM
Mobilization Date: 4/8/99
Action Memo Status: N/A

III. SITE DESCRIPTION

A. Incident Category: Time-Critical Removal Action - Oil Release Hazard
B. Site Location: Gary, Lake County, Indiana
LAT: 41° 37' 13" North; LONG: 87° 25' 14" West

1. Site Description:

The site is a drainage ditch located along the western boundary of the Gary/Chicago Municipal Airport in Gary, Indiana, that has been impacted by migrating oil and oil-contaminated groundwater. Previous POLREPs contain additional details on the site, the source of the pollutants and the downstream areas that may be affected by discharge from the ditch.

2. Description of threat:

Petroleum-contaminated discharge from the ditch may impact downstream receptors, which include a wetland area and the Grand Calumet River. Additional details can be found in previous POLREPs.

C. Preliminary Assessment

The release hazard was initially documented in U.S. EPA site assessment reports prepared in 1992. A pump and treat groundwater system, including an oil and water separator, was installed to address the contamination. However, the system was shut down in 1995, and was not reactivated until 1999. Additional details are contained in the previous site POLREPs.

IV. RESPONSE INFORMATION

A. Situation

Refer to POLREP #1 (dated 4/12/99), POLREP #2 (dated 5/12/99), POLREP #3 (dated 6/14/99), POLREP #4 (dated 10/13/99), POLREP #5 (dated 11/10/99) and POLREP # 6 (dated 12/10/99) for details of the response actions conducted from 4/7/99 to 12/3/99.

1. Current situation and status of response actions:

From 12/6/99 through 1/7/00, remedial activities performed at the Industrial Highway site included shipping stabilized wastes offsite for disposal, regrading the disturbed sections of the ditch's banks, seeding the disturbed sections of the ditch's banks, installing erosion control measures along select sections of the ditch's banks, excavating an exploratory trench along the western edge of the Elgin, Joliet and Eastern (EJ&E) railroad embankment, and upgrading the controls for the product recovery system. On 12/6/99, 240.32 tons of material were shipped offsite for disposal at the Forest Lawn Landfill in Three Oaks, Michigan. The material was shipped in 10 loads and represented the last of the excavated soils that had been stabilized with lime kiln dust. From 12/6/99 through 12/9/99, EQM regraded, seeded and installed erosion control measures along 1,100 linear feet of disturbed ditch banks. EQM also completed restoration activities in the staging area and around other affected parts of the site during this time and began demobilizing equipment from the site. On 12/10/99, EQM began excavating a trench along the western base of the EJ&E railroad embankment located between the Industrial Highway and Conservation Chemical sites. The trench was dug to determine if any pipelines were conveying product onto the

Industrial Highway site. Trenching continued on 12/13/99, until a discharge radial for the product recovery system was encountered. The excavated trench was 200 feet long, had an average depth of 3 feet, and was completely backfilled after the discharge radial was encountered. On 12/14/99, site activities were temporarily suspended for the holidays. EQM personnel remobilized to the site on 1/3/00; however, no site related activities were performed. From 1/4/00 through 1/7/00, site activities consisted of repairs to the erosion control measures (completed 1/4/00) and upgrading of the product recovery system (completed 1/7/00). The system upgrade included the installation of a control panel to monitor and operate the four recovery wells, the installation of concrete vaults around recovery wells RW#3 and RW#4, the replacement of pump activation floats/switches in all four recovery wells and the connection of the required electrical wiring. It should be noted that the installed control panel allows for the remote monitoring and operation of the system and has the capability of contacting specified telephone numbers in the event of system problems.

A product recovery system is operational at the Industrial Highway site to recover oil-contaminated groundwater migrating onto the site. The system is comprised of four recovery wells and an oil/water separator unit. A total of 1,412,000 gallons of oil-contaminated groundwater have been treated since the reactivation of the system on 9/24/99. Between 12/6/99 and 1/4/00, approximately 111,700 gallons of contaminated groundwater has been captured by the recovery system and treated. Note that the product recovery system has operated sporadically since 1/4/00 to allow for the installation and implementation of the system upgrades. Since the re-initiation of the system, approximately 4,000 gallons of oil has been recovered and shipped offsite to Beaver Oil Company, Inc. for reuse in blended fuel product.

B. Planned Removal Actions

The currently planned future removal actions are as follows:

1. Continue operating the product recovery system;
2. Complete the demobilization of equipment and material from the site;
3. Train personnel from Gary/Chicago Regional Airport on the operation of the product recovery system; and
4. Turn over operation of the product recovery system to airport personnel.

C. Key Issues

Determining the appropriate deadline for ceding operational responsibilities for the product recovery system to the Gary/Chicago Regional Airport.

V. COSTS (through 1/6/00)

Extramural Costs:	
Total Cleanup Contractor Costs	$ 467,600.00
START	$ 28,200.00
TOTAL, EXTRAMURAL COSTS:	$ 495,800.00
Intramural Costs:	
Direct Costs (Region, HQ, ERT)	N/A
Intramural Indirect Costs	N/A
TOTAL, INTRAMURAL COSTS:	N/A
TOTAL SITE COST	PENDING
PROJECT CEILING	$ 620,000.00
PROJECT FUNDS REMAINING AS A PERCENTAGE	20.0%

* The above accounting of expenditures is an estimate based on amounts known by the OSC at the time of preparation of this report. The cost accounting data shown in this report does not necessarily represent the exact monetary figures which the U.S. Government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Material	Quantity	Disposal Facility	Dates Shipped
Contaminated soil	240.32 tons (10 loads)	Forest Lawn Landfill Three Oaks, Michigan	12/6/99